
Lake Tahoe
TMDL
Implementation Workshop
29 January 2008

Workshop Goals

1. Describe overall TMDL process and review research effort and findings

2. Introduce TMDL allocation, crediting, and regulatory concepts

Agenda

9:30 AM - Welcome, Introductions, and Agenda Review
9:40 AM - Context –TMDL Process?
10.00 AM - Baseline Loading Estimates with Q & A
11:00 AM - Clarity Model Overview and Findings with Q & A
11:30 AM - Load Reduction Estimates with Q & A

12:30 – 1:30 Lunch (on your own)

1:30 PM - Continued Question & Answer Period
2:30 PM - TMDL Implementation & Allocation Components with Q & A
2:45 PM - Allocation Approach with Q & A

3:30 PM - Break

3:45 PM - TMDL Crediting, Tracking, and Verification
4:15 PM - Overarching Q & A and Next Steps
4:30 PM - adjourn

The Lake Tahoe Total Maximum Daily Load

A science-based plan for restoring Lake Tahoe's famed clarity

TMDL Core Questions

Phase One – Pollutant Capacity and Existing Inputs

What pollutants are causing Lake Tahoe's clarity loss?

How much of each pollutant is reaching Lake Tahoe?

How much of each pollutant can Lake Tahoe accept and still achieve the clarity goal?

TMDL Core Questions

Phase Two – Pollutant Reduction Analysis and Planning

What are the options for reducing pollutant inputs to Lake Tahoe?

What strategy should we implement to reduce pollutant inputs to Lake Tahoe?

TMDL Core Questions

Phase Three – Implementation and Operation

Are the expected reductions of each pollutant to Lake Tahoe being achieved?

Is the clarity of Lake Tahoe improving in response to actions to reduce pollutants?

Can innovation and new information improve our strategy to reduce pollutants?

What the TMDL provides

Watershed scale restoration planning

Basin wide assessment of pollutant sources

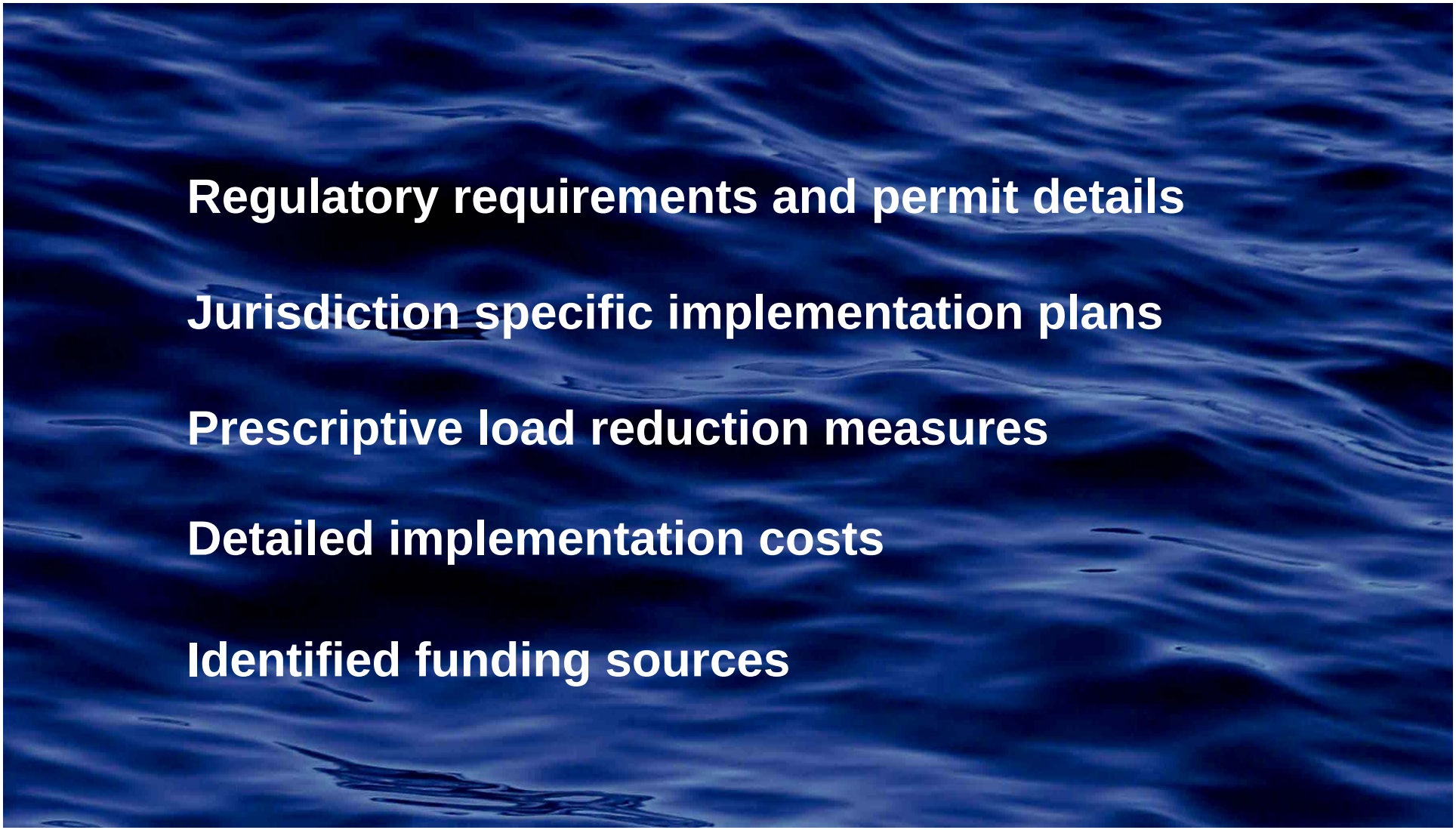
Relative estimates of load reduction potential

Basin wide implementation concepts

Load reduction targets and Secchi depth milestones

Monitoring framework

What the TMDL does not provide



What will we do with the TMDL information?

Identify load reduction and clarity milestones

Set load and waste load allocations for fine sediment, nitrogen, and phosphorus

Establish crediting/accounting mechanisms

Guide future permit requirements

Where are we in the TMDL process?

2007 – Technical Report & Pollutant Reduction Opportunity Report

2008 – Drafting Load Allocations with Stakeholder input and Peer Review on Final TMDL ; amend CA Municipal NPDES Permits with regard to the numeric concentration effluent limits and the compliance date

2009 – TMDL Adoption

2010 – Renew CA Municipal NPDES Permits

The Clarity Challenge: Reverse clarity decline and measurably improve clarity